

Goat anti-HOXC6 (isoform 1) Antibody

Item Number	dAP-2958
Target Molecule	Principle Name: HOXC6 (isoform 1); Official Symbol: HOXC6; All Names and Symbols: HOXC6; homeobox C6; CP25; HHO.C8; HOX3; HOX3C; homeo box 3C; homeo box C6; homeo box C8 protein; homeobox protein CP25; homeobox protein HHO.C8; homeobox protein Hox-3C; homeobox protein Hox-C6; Accession Number (s): NP_004494.1; Human Gene ID(s): 3223; Non-Human GenelD(s): 15425 (mouse) 252885 (rat)
Immunogen	PNVALNSTAYDPVVRH, is from internal region (near N Terminus) This antibody is expected to recognize isoform 1 (NP_004494.1) only.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Brain (Olfactory bulb) and in Rat and Pig Brain lysates (calculated MW of 26.9kDa according to NP_004494.1). In Mouse Brain lysates the band runs like a 27kDa band. Recommended concentration: 0.03-0.1µg/m
IHC	
Reference	Reference(s): Ansari KI, Hussain I, Shrestha B, Kasiri S, Mandal SS. HOXC6 is transcriptionally regulated via coordination of MLL histone methylase and estrogen receptor in an estrogen environment. <i>J Mol Biol</i> . 2011 Aug 12;411(2):334-49.. PMID: 21683083->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**